



ANCHOR ROD DETAIL

| MAST ARM LENGTH | BOLT CIRCLE | ANCHOR ROD SIZE |
|--|-------------|----------------------------|
| 4.87 m thru 6.10 m (16' thru 20') | 450 (18) | 38 x 1.5 m (1.5 x 60) |
| 6.71 m thru 9.14 m (22' thru 30') | 450 (18) | 44 x 2.10 m (1.75 x 84) |
| 9.75 m thru 11.60 m (32' thru 38') | 450 (18) | 51 x 2.30 m (2.0 x 90) |
| 12.20 m thru 16.80 m (40' thru 55') | 535 (21) | 51 x 2.30 m (2.0 x 90) |

GENERAL NOTES

Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 36 kg (80 lb) and have a projected area of 1.37 sq m (14.7 sq ft).

All dimensions are in millimeters (inches) unless otherwise shown.

STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS

STANDARD 877006-02

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|---|---------------|
| Illinois Department of Transportation | |
| APPROVED <u>January 1, 2005</u> ENGINEER OF OPERATIONS | ISSUED 1-1-02 |
| APPROVED <u>January 1, 2005</u> ENGINEER OF DESIGN AND ENVIRONMENT | |

| DATE | REVISIONS |
|--------|---|
| 1-1-05 | Revised sign panel, handhole, arm angle, and table. |
| 1-1-04 | Revised to show current loading requirements. |
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